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THE URBAN DISTRICT OF LITHERLAND.



# ANNUAL REPORTS

of the

**Medical Officer of Health**

and of the

**Sanitary Inspector**

For the Year 1925.

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LIVERPOOL:

Meek, Thomas & Co. Ltd., Printers, Pownall Square.

1926.



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# THE URBAN DISTRICT COUNCIL OF LITHERLAND.

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COUNCIL OFFICES,

LITHERLAND,

*April, 1926.*

To THE CHAIRMAN AND MEMBERS  
OF THE HEALTH COMMITTEE.

GENTLEMEN,

In accordance with the Regulations of the Ministry of Health I submit herewith my Annual Report upon the Health and Sanitary conditions of the District for the year ending 31st December, 1925.

In this year's statistics the figures 17,390—as supplied by the Registrar General—have been used for the estimated population.

There has been an abnormally low incidence of Scarlet Fever; the number of cases notified being the least since 1913.

The Death Rate for Litherland residents, including deaths in Hospitals, etc., is 12.9, as last year, which was the lowest Death Rate recorded. This year, however, the Registrar General has introduced a standardising factor of 1.098, which gives a corrected Death Rate of 14.2 per 1,000.

The Birth Rate is 20.3 per 1,000, and is the lowest Birth Rate recorded since 1912.

The Infantile Mortality Rate is 79.09 per 1,000 births, and the Zymotic Death Rate .72.

The Tuberculosis Order, 1925, which came into operation on 13th July, 1925, deals with Tuberculosis in bovines. Twenty-five samples of milk were taken for the presence of Tuberclle Bacilli; which were found in two instances. Advantage was taken of the Order, and two animals were finally slaughtered. A number of samples were taken under the Sale of Food and Drugs Acts, but no prosecutions were necessary. The Public Analyst's report shewed one sample to be slightly deficient in fat, and the vendor was cautioned.

Throughout the year the Health of the population has been remarkably good, particularly in regard to Infectious Disease.

This is very gratifying, taking into consideration the amount of unemployment in the district, and the poverty which usually follows.

Yours obediently,

T. D. WILLIAMS,

*Medical Officer of Health.*

*The Urban District Council of Litherland.*

**ANNUAL REPORT**  
OF THE  
**MEDICAL OFFICER OF HEALTH,**  
**1925.**

The Urban District of Litherland is situate five miles from Liverpool, in a Northerly direction; it is bounded on the North by the Sefton Rural District, on the South and East by the County Borough of Bootle, and on the West by the Waterloo-with-Seaforth Urban District.

The district is divided by the Leeds and Liverpool Canal. Manufacturing and artisan dwellings occupy the whole of the South side of the district, the North being mainly of a residential and agricultural character, though tending to become industrial.

The height of the district above Ordnance Datum varies from 22.7 to 91.1 feet. Geologically the subsoil consists of clay, peat, and sandstone.

Rateable Value of District ...	...	...	...	...	£84,887
General District Rate ...	...	...	...	...	4/1
Poor Rate ...	...	...	...	...	9/2
1d. in the £ yields approximately ...	...	...	...	...	£307

**STATISTICAL SUMMARY.**

Area in Acres ...	...	...	...	...	...	857
Population ...	...	...	...	...	...	17,390
Number of Houses in District ...	...	...	...	...	...	3,243
Number of Persons per House ...	...	...	...	...	...	5.4
Birth Rate per 1,000 living ...	...	...	...	...	...	20.3
Death Rate per 1,000 ...	...	...	...	...	...	12.9
Infantile Mortality per 1,000 Births ...	...	...	...	...	...	79
Total Deaths from Epidemic Diarrhoea (under 2 years) ...	...	...	...	...	...	5
Epidemic Diarrhoea Mortality per 1,000 births ...	...	...	...	...	...	14.2
Death Rate from Tuberculosis per 1,000 living ...	...	...	...	...	...	1.03
Uncertified Deaths ...	...	...	...	...	...	2

**PRECEDING CENSUS POPULATION.**

1891 ...	4,441	1911 ...	14,792
1901 ...	10,592	1921 ...	16,660

The "Natural Increase" or excess of Births over Deaths during 1925 was 128, as compared with 143 in 1924; 201 in 1923; 232 in 1922; 273 in 1921, and 325 in 1920.

## BIRTHS.

The number of children born in the District during 1925 was 354—118 males and 108 females.

The Birth Rate is 20.3 per 1,000 of the population.

TABLE OF BIRTH RATES.

Year	Rate per 1,000	Year	Rate per 1,000
1925	...   ...   20.30	1920	...   ...   31.80
1924	...   ...   21.20	1919	...   ...   25.18
1923	...   ...   22.80	1918	...   ...   24.00
1922	...   ...   25.30	1917	...   ...   24.73
1921	...   ...   27.50	1916	...   ...   31.66
Mean Rate for 5 years—1920-1924	...   ...   ...		25.7
Decrease on Rate for 1925 as against Rate for 1924	...   ...		.9
Decrease on 5 years average	...   ...   ...		5.4
The Birth Rate for England and Wales	...   ...   ...		18.3

## DEATHS.

The total number of deaths during the year was 226—118 males and 108 females, equal to a Death Rate of 12.90 per 1,000 of the population.

TABLE OF DEATH RATES.

Year	Rate per 1,000	Year	Rate per 1,000
1925	...   ...   12.9	1920	...   ...   13.20
1924	...   ...   12.90	1919	...   ...   15.68
1923	...   ...   10.40	1918	...   ...   16.62
1922	...   ...   11.60	1917	...   ...   15.51
1921	...   ...   11.10	1916	...   ...   15.55
Mean Death Rate for 5 years—1920-1924	...   ...   ...		11.8
The Death Rate for England and Wales	...   ...   ...		12.2
The Death Rate for Litherland Residents registered in the District is	...   ...   ...   ...   ...   ...		7.30
99 Deaths of Litherland Residents occurred outside the District.			

The age periods of the Deaths were:—

Year	Under 1 year	1 and under 2 years	2 and under 5 years	5 and under 15 years	15 and under 25 years	25 and under 45 years	45 and under 65 years	65 years and upwards
1925	28	20	9	9	13	44	55	48
1924	25	1	4	3	7	13	27	51
1923	36	11	8	11	9	18	42	49
1922	39	13	16	11	7	17	47	46
1921	29	14	9	8	12	24	40	50
1920	46	19	7	15	18	39	53	35
1919	37	26	15	10	17	38	50	58
1918	26	16	19	31	27	56	50	48
1917	51	14	24	11	11	31	52	36
1916	53	18	17	12	9	38	44	50

### INFANTILE MORTALITY.

During the year 28 children died, who, at the time of their death, had not reached the age of one year.

This gives an Infantile Mortality Rate of 79.09 per 1,000 births.

TABLE OF INFANTILE MORTALITY.

Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	Death Rate per 1000
1925.....	4	11	7	6	28	79
1924.....	9	6	6	11	32	86
1923.....	8	6	9	9	32	84
1922.....	18	5	7	9	39	91
1921.....	9	2	10	8	29	63
1920....	18	8	9	11	46	82
1919.....	14	10	5	8	37	91
1918.....	10	3	10	3	26	67
1917.....	16	13	10	12	51	133
1916.....	10	11	15	17	53	107

TABLE OF ZYMOtic DEATHS.

Year	1925	1924	1923	1922	1921	1920	1919	1918	1917	1916
Smallpox ...	...	...	..	...	..	...	...	...	...	...
Scarlet Fever	1	3	4	4	2	3	8	1	3	4
Diphtheria	...	3	2	2	1	5	3	1	3	6
Measles ...	5	2	4	2	1	5	1	6	4	6
Whooping Cough..	7	2	1	4	1	6	...	1	8	2
Enteric Fever	...	...	..	...	...	1	...	...	...	...
Typhus ...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever ...	...	...	...	...	1	...	...	1	...	...
Encephal Leth. ...	1	1	1	...	...	...	...	...	...	...

ZYMOtic DEATH RATE.

Year	1925	1924	1923	1922	1921	1920	1919	1918	1917	1916
Zymotic Death Rate	0.72	0.64	0.70	0.71	0.86	1.14	0.75	0.68	1.47	1.15

Diarrhoeal Diseases caused 5 deaths under the age of 2 years.

## INFECTIOUS DISEASES.

49 cases of Infectious Disease were notified during the year.

	CASES NOTIFIED.									
	1925	1924	1923	1922	1921	1920	1919	1918	1917	1916
Smallpox ...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ...	21	74	112	136	54	59	181	61	50	64
Diphtheria & Mem. Croup.	14	19	32	24	36	34	39	41	16	14
Enteric Fever ...	1	2	...	...	4	2	1	1	...	2
Typhus Fever ...	...	...	...	...	...	...	...	...	...	...
Erysipelas ...	9	3	6	7	4	4	5	5	...	6
Puerperal Fever ...	...	...	1	1	1	...	...	1	2	...
Cerebro Spinal Fever ...	...	...	1	...	1	1	2	...	2	...
Poliomyelitis ...	...	...	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum	2	1	2	2	7	2	6	3	3	7
Influenzal Pneumonia ...	...	...	...	...	...	...	27	...	...	...
Anthrax ...	...	...	2	...	2	...	1	...	...	...
Encephal Leth. ...	...	1	3	2	...	...	...	...	...	...
	49	106	155	173	107	104	259	112	73	93

## INFECTIOUS DISEASES.

	CASES REMOVED TO HOSPITAL.									
	1925	1924	1923	1922	1921	1920	1919	1918	1917	1916
Smallpox ...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ...	16	61	93	119	38	30	105	38	23	25
Diphtheria ...	14	19	29	23	29	22	27	27	15	13
Enteric Fever ...	1	...	...	...	4	1	1	1	...	...
Puerperal Fever ...	...	...	1	...	1	1	...	...	...	...
Typhus Fever ...	...	...	...	...	...	...	...	...	...	...
Erysipelas ...	5	...	5	5	3	2	...	4	...	...
Cerebro-spinal Fever ...	...	1	...	1	1	2	...	...	2	...
Ophthalmia Neonatorum ...	...	...	...	...	...	...	...	...	...	...
Poliomyelitis ...	...	...	...	...	...	...	...	...	...	...
Anthrax ...	...	...	2	2	2	...	1	...	...	...
Encephal Leth. ...	...	1	...	...	...	...	...	...	...	...
	37	84	129	151	76	58	133	70	40	38

## TUBERCULOSIS.

There were 56 cases of Pulmonary and 35 cases of Non-Pulmonary Tuberculosis notified.

	1925	1924	1923	1922	1921	1920	1919	1918	1917	1916
Cases Notified ...	60	74	63	65	71	63	96	79	100	...
Deaths ...	30	20	19	22	24	28	29	30	21	29
Death Rate Pul. T.B. ...	1.67	1.03	0.87	0.94	1.02	1.6	1.85	2.00	1.41	1.85

PARTICULARS TO BE INCLUDED IN THE  
ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH  
FOR THE YEAR 1925.

The following Tables are given as requested by the Ministry of Health.

**1.—Natural and Social Conditions of the Area.**

Area in acres ...	...	...	...	...	857.
Population—Census, 1921 ...	...	...	...	...	16,387.
Estimated, 1925 ...	...	...	...	...	17,390.
Physical features and general character of the area ...	...	...	...	...	Height of district above Ordnance Datum varies from 22.7 to 91.1 feet. The subsoil is clay, peat, sandstone. The district is divided by the Leeds and Liverpool Canal; the south side contains a number of works and artisan dwellings. The north side is mainly of a residential and agricul- tural character.
No. of inhabited houses (Census, 1921) ...	...	...	...	...	3,243.
Rateable value ...	...	...	...	...	£84,887.
Sum represented by a penny rate ...	...	...	...	...	£307.
Social conditions, including the chief occupations of the inhabitants ...	...	...	...	...	The following works in the district find employment for approximately 2,000 people, though a large number of these people reside outside the Litherland area; Sefton, Mersey and Liverpool Training Companies, Bryant & May's Match Factory, Diamond Laundry Co., Messrs. Walkers, Ltd., Tanners, Messrs. Braby & Co., Engineers.
The influence of any particular occupation on public health ...	...	...	...	...	No special report to make.

## VITAL STATISTICS.

				Total	Male	Female
Births in 1925	...	...	...	354	175	179
Deaths in 1925	...	...	...	226	118	108

## RATES PER 1,000 OF POPULATION.

	Birth Rate.	Death Rate.	Death Rate from Tuberculosis of Respiratory System.	Rate of Deaths under 1 year to 1000 Births.
Mean of 5 years 1920-1924	...	25.7	11.8	1.04
1924	...	21.2	12.9	1.03
1925	...	20.3	12.9	1.72
Increase or Decrease in 1925 on 5 years' average	...	-5.4	+1.1	+0.68
Previous year	...	-0.9	Nil	+0.69
				- 1
				- 7

The amount of Poor Law relief; the extent to which hospital and other forms of gratuitous medical relief are utilised ...	Ord. Relief £5,762 14 1
	Unem. Relief 3,742 14 0
	<hr/> Total £9,505 8 1

There is no separate scheme for medical relief except the Poor Law Hospital.

Any causes of sickness or invalidity which have been specially noteworthy in the area during the period under review; and any conditions of occupation or environment which appear to have had a prejudicial effect on health ... ... None.

## 2.—General Provision of Health Services in the Area.

Hospital Accommodation provided or available—

For Smallpox ... ... ... ... Agreement with County Borough of Bootle.

Where situate ... ... ... ... Linacre Lane.

For other Infectious Diseases... ... ... ... Agreement with County Borough of Bootle.

Where situate ... ... ... ... Linacre Lane.

Joint or otherwise ... ... ... ... Maintenance fee paid for each patient.

No. of beds available for your District—

For Smallpox ... ... ... ... Not limited.

For other Infectious Diseases ... ... ... ... Not limited.

Is there any Hospital Accommodation in the District for—

- (a) Tuberculosis     ...     ...     ...
- (b) Maternity Cases     ...     ...     ...
- (c) Children     ...     ...     ...

Postal address of Union Infirmary     ...     ...

No.

No.

No.

Walton' Institut'n, Walton,  
Liverpool.

Have any of the following been provided in your district?—

Institutional provision for unmarried mothers, illegitimate infants, and homeless children     ...     ...     ...

Maternity and Child Welfare Centres.

Give day and time open     ...     ...

None.

Tuesday: 10 a.m. to 12 a.m.; 2 p.m. to 4 p.m.  
Friday: 10 a.m. to 12 (noon), and 2 p.m. to 4 p.m.

Day Nursery     ...     ...     ...     ...

No.

School Clinic     ...     ...     ...     ...

Lanc. County Council—  
provided by.

Tuberculosis Dispensary     ...     ...

Ditto ditto

Venereal Diseases Treatment Centre...  
...

Patients make own  
arrangements with  
Liverpool Voluntary  
Hospital.

Ambulance facilities—

(a) For Infectious Cases     ...     ...

Motor vehicle — arrangement with County  
Borough of Bootle.

(b) For Non-infectious and Accident  
Cases     ...     ...     ...     ...

Ditto ditto

#### PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY.

Medical Officer of Health     ...     ...     ...

Dr. T. D. Williams, M.B.  
B.S. (Lond.), M.R.C.S.  
(Eng.), L.R.C.P.  
(Lond.)

Is he a whole or part-time Officer?     ...

Part time.

Any other public appointments held by him

None.

Sanitary Inspector     ...     ...     ...

C. J. Howarth.

Is he a whole or part-time Officer?     ...

Whole time.

Assistant Sanitary Inspector     ...     ...

None.

Any Specialized Inspector (e.g., Food  
Inspector)?     ...     ...     ...     ...

None, except Sanitary  
Inspector.

Any other Public Health Officers, such as Health Visitors and Special Nurses; if any, give names, salaries, diplomas or certificates, or qualifications, and any other public offices held by them ...	None.
<b>Professional Nursing in the Home.</b>	
Nature of arrangements in the districts for	One District Nurse
(a) General Nursing ... ... ...	(Queen's Nurses' Assoc.)
(b) For Infectious Diseases, e.g., Measles, etc. ... ... ...	None.
Is there a District Nursing Association in the District? ... ... ...	Local Committee.
How many District Nurses employed? ...	One.
If so, does any arrangement exist between the Council and the Association in respect of Child Welfare Work? ... ...	No; undertaken by Lancs. County Council.
If no such arrangement exists, does the Association voluntarily undertake Child Welfare Work? ... ... ...	Ditto ditto
Does the Association undertake—	
(a) Midwifery cases? ... ... ...	No.
(b) Monthly Nursing? ... ... ...	No.
Has any local scheme been prepared in regard to the Supply of Food and Milk for Expectant and Nursing Mothers, and of Milk for Infants? ... ... ...	No; provided by County Clinic.
Midwives—	
Is any midwife employed by or assisted by the Local Authority? ... ... ...	No.
Number of midwives on the County Council Register, 31/12/1925—	
No. on Register ... ... ...	Two.
No. actually practising... ...	Two.
Legislation in force—	
General Adoptive Acts:	
The Infectious Disease Prevention Act, 1890.	
The Public Health Acts Amend. Act, 1890 (Parts 1, 3, 4).	
The Public Health Acts Amend. Act, 1907 (Parts and Sections only).	
Bye-laws relating to public health:	
November 6th, 1922, Bye-Laws made under Dairies, Cow- sheds and Milkshops Order.	
February 5th, 1923, Bye-Laws for Regulation of Offensive Trades.	
Observations as to their administration	Satisfactory.

Particulars as to co-operation with—

The medical and ancillary services of the			
National Health Insurance	...	...	None.
The Voluntary Hospitals	...	...	None.
The Poor Law or other agencies	...	...	None.

### 3.—Sanitary Circumstances of the Area.

Water Supply—

Source and quality	...	...	...	City of Liverpool.
Constant or intermittent	...	...	...	Constant.
Approx. No. of dwelling-houses supplied				
Direct	...	...	...	3,243.
By stand pipe	...	...	...	Two.
Possibilities of contamination	...	...	...	Practically nil.
Any liability to plumbo-solvent action	...	...	...	No.
Any insufficiency, and where	...	...	...	None.
Nature of extensions (if any) during the year	...	...	...	None.

River and Streams—

Action taken with regard to the Pollution of Streams. Sources and nature	...	None.
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Drainage and Sewerage—

Sewage Disposal Works, method of treatment	...	...	Discharged without treatment into River Mersey.
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What is the character of the Drainage System? Any developments during year

Areas, or Townships, without proper drainage system

Action taken—Drain Testing, Flushing, &c.

Combined system.

None.

Smoke and Water Tests are applied. Sewers and road gullies are flushed by Council.

Closet Accommodation at end of 1925—

Privy Middens—

No. of Middens	...	...	...	Two.
No. of Closets attached to these Middens				Two.
No. of Pail Closets	...	...	...	Nil.
No. of Dry Ashpits (excluding Middens)				388.
No. of Fresh Water Closets	...	...	...	Approx. 3,593.
No. of Movable Ashbins for refuse	...	...	...	2,855.
No. of Waste Water Closets	...	...	...	Nil.

## Conversions—

		During year, 1925.	During five years, 1921—1925.
No. of Privy Closets	{ To Fresh W.C.'s To Waste W.C.'s To Pails, &c.	Nil Nil Nil	... 16 ... Nil ... Nil
No. of Pail Closets	{ To Fresh W.C.'s To Waste W.C.'s	Nil Nil	... Nil ... Nil
No. of Waste W.C.'s to Fresh W.C.'s...		Nil	... Nil
No. of Houses at which Movable Ashbins have been substituted for fixed receptacles	... ... ... ...	63	... 962

Is there any definite policy at the present time for abolishing privy middens and pail closets?      ...      ...      ...

There are no pail closets  
and only two privies in  
the district.

Does Council contribute towards the cost  
of conversion?      ...      ...      ...

No.

What kind of closet accommodation is being  
provided for new property?      ...      ...

Fresh water closets.

## Scavenging—

Character and efficiency of the arrangements for Scavenging and Removal  
and Disposal of House Refuse for  
whole of district...      ...      ...

Refuse is removed weekly,  
and the method adopted  
is quite satisfactory.

How performed (state whether by Sanitary Authority, Contract, or Occupiers  
of Houses)?      ...      ...      ...

Sanitary authority.

Horse vehicles.

Are motor vehicles used?      ...      ...

The two existing privies  
are on a farm.

Yes.

Field Lane, Litherland.

## Sanitary Inspections during 1925—

No. of premises visited      ...      ...

721.

## Defects or nuisances—

No. discovered	...	...	...	1,341.
No. abated	...	...	...	1,327.

## No. of Notices served—

Informal	...	...	...	595.
Statutory	...	...	...	22.

## Legal proceedings—

No.	...	...	...	...	Nil.
-----	-----	-----	-----	-----	------

Smoke Nuisance—					
No. of Observations ... ... ...					11.
No. of Legal Proceedings taken and result					Nil.
Offensive Trades—					
No. ... ... ... ...					Six.
Character ... ... ... ...					Tanneries and Tripe Dressers.
Action taken or needed ... ...					Nil.
Workshops and Workplaces—					
What is their condition? ... ...					Generally good.
Common Lodging-houses—					
No. ... ... ... ...					Nil.
Schools—					
Sanitary condition ... ... ...					Fair.
Water supply, &c. ... ... ...					Good.
Canal Boats—					
No. inspected ... ... ... ...					Nil.

#### 4.—Housing.

##### HOUSING: GENERAL OBSERVATIONS AND CONCLUSIONS.

General housing conditions in the area—					
General housing conditions ... ...					There is considerable over-crowding in the working class area of the district.
Measures taken or contemplated to meet any shortage ... ... ... ...					
					Council have erected 100 dwellings under the Housing Act.
Fitness of houses—					
General standard of housing in the area					Fairly good.
General character of the defects found to exist in unfit houses ... ... ...					General dilapidations.
How far defects are due to the lack of proper management and supervision by owners, or to acts of waste or neglect by tenants ... ... ... ...					In many instances defects are due to neglect of tenants, but principally due to lack of interest by agents.
General action taken as regards unfit houses under—					
The Public Health Acts ... ...					Service of Notices under P.H.A.
The Housing Acts ... ...					Nil.

Difficulties found in remedying unfitness,  
either under the Public Health Acts or  
under Section 3 of the Housing Act,  
1925     ...     ...     ...     ...     ...

Arrears of rent.

Special measures taken or suggested—

The gradual carrying out of repairs  
according to agreed arrangements...

Is adopted.

Any special method of dealing with  
unfit back-to-back houses, or other  
types of insanitary property     ...

Only six back-to-back  
houses exist. These will  
be converted as oppor-  
tunity affords.

Conditions so far as they affect housing,  
as regards—

Water supply	...	...	...	Good.
Closet accommodation	...	...	...	Good.
Refuse disposal	...	...	...	Good.

Unhealthy areas—

Information as to complaints received or  
representations made and action taken,  
in regard to unhealthy areas     ...     Nil.

#### HOUSING STATISTICS FOR THE YEAR 1925.

No. of new houses erected during the year:—

(a) Total (including numbers given separately under (b)	Nil
(b) With State assistance under the Housing Acts—	
(i) By the Local Authority     ...     ...     ...	.....
(ii) By other bodies or persons     ...     ...     ...	.....

No. of houses in course of erection under Council's building  
scheme     ...     ...     ...     ...     ...     ...

Nil

Financial assistance for purposes of increasing housing  
accommodation—

Have any advances been made during 1925—

(a) By loans?     ...     ...     ...     ...     ...	Nil
(b) By subsidy?     ...     ...     ...     ...     ...	Nil

#### UNFIT DWELLING-HOUSES—

Inspection—

(1) Total No. of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)     ...	673
(2) No. of dwelling-houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910, or the Housing Consolidated Regulations, 1925     ...     ...     ...	.....

(3) No. of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	... ... ... ... ...	.....
(4) No. of dwelling-houses (exclusive of those referred to under (3)) found not to be in all respects reasonably fit for human habitation	... ... ...	673
<b>REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICES—</b>		
No. of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	... ... ... ... ...	595
<b>ACTION UNDER STATUTORY POWERS—</b>		
<b>A.—Proceedings under Section 3 of the Housing Act, 1925—</b>		
(1) No. of dwelling-houses in respect of which notices were served requiring repairs	...	Nil
(2) No. of dwelling-houses which were rendered fit after service of formal notices:—		
(a) By owners	... ... ...	.....
(b) By Local Authority in default of owners	... ... ...	.....
(3) No. of dwelling-houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close	... ... ... ...	Nil
<b>B.—Proceedings under Public Health Acts—</b>		
(1) No. of dwelling-houses in respect of which notices were served requiring defects to be remedied	... ... ... ...	595
(2) No. of dwelling-houses in which defects were remedied after service of formal notices:—		
(a) By owners	... ... ...	595
(b) By Local Authority in default of owners	... ... ...	Nil
<b>C.—Proceedings under Section 11, 14 and 15 of the Housing Act, 1925—</b>		
(1) No. of representations made with a view to the making of Closing Orders	... ... ...	Nil
(2) No. of dwelling-houses in respect of which Closing Orders were made	... ... ...	Nil
(3) No. of dwelling-houses in respect of which Closing Orders were determined, the dwelling-houses having been rendered fit	...	Nil
(4) No. of dwelling-houses in respect of which Demolition Orders were made	... ...	Nil
(5) No. of dwelling-houses demolished in pursuance of Demolition Orders	... ... ...	Nil
<b>D.—No. of houses demolished voluntarily by owners, or converted to workshops, &amp;c.</b>		
	...	Nil

### 5.—Inspection and Supervision of Food.

Milk Supply.—Observations on—

The wholesomeness of the milk produced within or brought into the district ... ... ... ...

The milk produced in the district, also that from outside sources, has proved to be clean and of good quality.

The general adequacy of the arrangements for the supply and distribution of milk of pure and wholesome character ... ... ... ...

The arrangements for distribution are on the whole good.

The administration of The Milk and Dairies (Consolidation) Act, 1915, The Milk and Dairies (Amendment) Act, 1922, and The Dairies, Cowsheds, and Milkshops Orders ... ... ...

Satisfactory.

The Milk (Special Designation) Order, 1923.

No. of Dealers' licences issued during 1925 in respect of:

“ Certified ” Milk ...	...	...	...	Nil.
“ Grade A ” (Tuberculin Tested) Milk...				Nil.
“ Grade A ” Milk ...	...	...	...	Nil.

No. of Licences issued in respect of

“ Pasteurised ” Milk—				
Retail Distributors ...	...	...	...	Nil.

Any refusal or revocation of registration of retailers or of licences for graded milk, with reasons for the refusal or revocation Nil.

Dairies, Cowsheds, and Milkshops—

Are they periodically inspected? ...	...	Yes.
What is their condition? ...	...	Good.

Give date of the Regulations made under the Order of the L.G.B. ... ...

6th November, 1922.  
Yes.

Are they enforced? ... ... ...

600 cub. feet.

Amount of air space in cubic feet required for each cow—

(a) Where cows are habitually grazed	...	...	...
(b) Where cows are not habitually grazed ...	...	...	...

800 cub. feet.

## Cowkeepers—

Total No. of Cowkeepers ...	...	...	8.
No. on Register ...	...	...	8.
No. of Inspections during year ...	...	...	32.

## Dairymen or Purveyors of Milk (other than Cowkeepers)—

Total No. of Dairymen or Milk Purveyors (other than Cowkeepers) ...	...	11.
No. on Register ...	...	11.

## Any arrangements for Veterinary inspection of Dairy Cows? Give particulars ...

Veterinary inspections are carried out if any animal appears suspicious, or on sample of milk revealing Tubercl Bacilli

## Action taken as to—

(i) Tuberculous Milk ...	...	...	Only one sample proved T.B. (animal slaught'd).
(ii) Tuberculous Cattle ...	...	...	Two animals slaughtered under T.B. Order, 1925.

## No. of samples of milk obtained during 1925 for bacteriological examination ...

24.

## Results of bacteriological examinations ...

One positive, and animal slaughtered.

## Meat.—Observations on—

Meat inspection (including arrangements for inspection at the time of slaughter and for marking under the Public Health (Meat) Regulations, 1924; disease in meat and arrangements for disposal of condemned meat ...)

The Regulations requiring notification of slaughtering are enforced, and the carcases are marked at time of inspection. Diseased, and unsound meat and offal, are disposed of in the refuse destructor.

## Administration of the Public Health (Meat) Regulations, 1924, as regards stalls, shops, stores, and vehicles ...

Shops; all windows are kept closed.

## Has a public slaughterhouse been provided? ...

No.

					In 1920	In Jan., 1925	In Dec., 1925
Private slaughterhouses—					1	1	1
No. registered	...	...	...	...	1	1	1
No. licensed	...	...	...	...	Nil	Nil	Nil
Other Foods—							
Action taken in respect of places where food is prepared ...	...	...	...	...			
Bakehouses—							
No. ...	...	...	...	...	8.		
Condition ...	...	...	...	...	Very good.		
Other Premises	...	...	...	...	Fried Fish Shops, 11;		
					Fairly good.		
Amount of food condemned or surrendered during 1925 as unfit for human consumption—							
Tuberculous carcases and parts ...	...				Cows 2; Pigs 2, and 3 Heads.		
Diseased, unsound, or unwholesome meat (other than above) ...	...				Sheep 1.		
No. of Legal Proceedings and result ...	...				Nil.		
Food poisoning? Action taken (if any)...	...				Nil.		
Action taken by Local Authority (if any) in respec of—							
(i) Sale of Food and Drugs Acts ...	...				Nil.		
(ii) Condensed Milk Regs., 1923 ...	...				Nil.		
(iii) Dried Milk Regs., 1923... ...	...				Nil.		
(iv) Milk and Cream Regs., 1912-17	...				Nil.		

## 6.—Prevalence of and Control over Infectious Diseases.

### INFECTIOUS DISEASES GENERALLY.

Note.—The Ministry of Health state the prevalence of notifiable infectious diseases during the period since 1920 should be reviewed, and noteworthy facts as to the source or spread of infection should be recorded	...	...	...	No special report required.
Diphtheria anti-toxin—				
Notes on the supply and prompt use ...	...			Supply from Linacre Hospital, Bootle.
Is a supply kept within the district? ...	...			Yes.
If so, where? ...	...	...	...	Kept by M.O.H.
Encephalitis Lethargica—				
Any special occurrence ...	...	...	...	No.
Scarlet Fever—				
Discovery of "return" cases ...	...	...	...	None.

Pathological and Bacteriological Examinations—

No. of specimens examined in 1925:

Blood ...	...	...	...	...	One.
Sputum ...	...	...	...	...	L.C.C.
Throat Swabs ...	...	...	...	...	11.
Others ...	...	...	...	...	Milk—24.

Action taken in regard to (a) Contracts,  
 (b) Return cases, (c) Carrier cases ...

Nil.

Has any use been made of the tests known as the Schick and Dick tests in diphtheria and scarlet fever respectively, or of the recently developed artificial methods of immunization against these diseases? ...

Yes.

Public Health (Smallpox Prevention) Regulations, 1917.—No. of vaccinations performed by the Medical Officer of Health—

(a) Primary ...	...	...	...	...	Nil.
(b) Re-vaccinations ...	...	...	...	...	Nil.

If any of the following diseases are compulsorily notifiable in your district, state for what period (see Table on page 22)—

Measles ...	...	...	...	...	Not notifiable.
Whooping Cough ...	...	...	...	...	Not notifiable.
Diarrhoea (under 2 years) ...	...	...	...	...	Not notifiable.
Chicken-pox ...	...	...	...	...	Not notifiable.
Any others ...	...	...	...	...	No.

No. of times School Closure adopted during 1925 for—

Scarlet Fever ...	...	...	...	...	Nil.
Whooping Cough ...	...	...	...	...	Nil.
Diphtheria ...	...	...	...	...	Nil.
Chicken-pox ...	...	...	...	...	Nil.
Measles ...	...	...	...	...	Nil.
Influenza ...	...	...	...	...	Nil.

Influenza.—Observations on any special inquiries undertaken in connection with epidemics ... ... ... ...

None.

Has any special attention been given to (a) cancer, (b) locally contracted anthrax, and (c) rabies? ... ... ...

No.

## Disinfection—

No. of Houses disinfected during 1925... 99.

Method (state disinfectant used) ... Formaldehyde Vapour and Spray (Izal).

Are Houses disinfected after:

(a) Phthisis ... ... ... ... Yes.  
 (b) Measles ... ... ... ... No.

Apparatus used for Clothing, Bedding,  
&c. (steam or otherwise) ... ...

Washington Lyons  
Disinfecter.

Where is Apparatus situated? ... ...

Field Lane, Litherland.

Any arrangement for bathing verminous,  
&c., persons? ... ... ... ...

None.

In how many instances has disinfection  
been carried out? ... ... ...

None.

## Notifiable Diseases, 1925.

Number of cases of Infectious Disease notified, number of deaths from these diseases, number of cases removed to Hospital, and deaths in Hospital during the year 1925:—

NOTIFIABLE DISEASES.	Total Cases at all Ages.	CASES NOTIFIED.													HOSPITAL.		Total Deaths	
		YEARS.													Total Cases removed to Hospital.	Deaths in Hospital of persons belonging to District.		
		Under 1 to 2	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 & over					
Smallpox ...	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Scarlet Fever ...	21	...	...	2	2	1	7	5	4	...	...	...	...	16	...	...	1	
Diphtheria and Membranous Croup	14	...	1	...	2	1	5	2	...	3	...	...	...	14	...	...	..	
Enteric Fever, including Paratyphoid ...	1	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	
Acute Primary Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	29		
Acute Influenza Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Puerperal Fever ...	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Cerebro-Spinal Fever ...	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Acute Poliomyelitis ...	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Acute Polio-encephalitis.	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Encephalitis Lethargica	1	...	...	1	...	...	...	...	...	...	...	...	...	...	1	1	1	
Dysentery ...	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Ophthalmia Neonatorum	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Erysipelas ...	7	1	...	...	...	...	1	...	1	1	1	2	...	5	1	...	...	
Pulmonary Tuberculosis	54	...	2	2	...	...	3	2	6	16	12	10	1	28	7	30		
Other forms of Tubercu- lous ...	7	...	1	1	...	...	1	1	2	1	...	...	...	...	...	...	3	
Malaria — Contracted in this C'try	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Abroad ...	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	
Any other disease notifi- able in district, e.g.— Chicken Pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	
Measles, excluding German Measles ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	5		
Whooping Cough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	
Any other disease ...	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
TOTALS ...	107	3	4	6	4	2	17	10	13	22	13	12	1	64	18	76		

## TUBERCULOSIS.

## NEW CASES AND MORTALITY DURING 1925.

AGE PERIODS.	NEW CASES.				DEATHS.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M	F	M	F	M	F	M	F
<b>Years</b>								
0—1	..	..	..	..	..	..	..	..
1—5	..	..	3	1	2	..	2	..
5—10	..	..	3	..	..	1	..	..
10—15	..	..	..	2	..	1	..	..
15—20	..	..	4	2	1	1	..	3
20—25	..	..	5	3	..	..	2	2
25—35	..	..	6	4	..	..	3	3
35—45	..	..	6	4	..	..	4	4
45—55	..	..	8	2	..	..	3	1
55—65	..	..	..	..	..	..	2	2
65 and upwards	..	1	..	..	..	..	..	..
TOTALS	..	36	18	3	4	15	15	2
		<u>54</u>		<u>7</u>		<u>30</u>		<u>3</u>

What is the ratio of non-notified tuberculosis deaths to total tuberculosis deaths? ... ... ... ... Non notified; 3%.

In your opinion, is the notification of tuberculosis in your district efficient? ... ... Yes.

Has any action been taken in cases of wilful neglect or refusal to notify? ... ... No.

## PUBLIC HEALTH (PREVENTION OF TUBERCULOSIS) REGULATIONS, 1925.

Any action taken under these Regulations (Articles 3, 5, 6, and 7) relating to tuberculous employees in the milk trade No.

## PUBLIC HEALTH ACT, 1925, SECTION 62.

Any action taken under this Section ... No.

### 7.—Maternity and Child Welfare.

The Ministry of Health state the Medical Officer's Report should include information on—

The general arrangements made for attending to the health of expectant and nursing mothers and of children under five years of age, including the work of health visitors, midwives, and nurses    ...    ...    ...    ...

The whole of this work is carried out by the Lancs. County Council.

### OPHTHALMIA NEONATORUM.

Details should be given for all County districts of Ophthalmia Neonatorum notified during 1925    ...    ...    ...

No information available.  
Work done by Lancs.  
County Council.

My thanks are due and warmly accorded to the various members of the Council for considering advice given by me, and to Mr. Howarth for assistance given to me in the discharging of the duties of Medical Officer of Health.

Your obedient Servant,

T. D. WILLIAMS,

*Medical Officer of Health.*

COUNCIL OFFICES,

LITHERLAND,

*April, 1926.*

To THE CHAIRMAN AND MEMBERS  
OF THE HEALTH COMMITTEE.

GENTLEMEN,

I beg to submit my Annual Report of the work executed in the Health Department during the past year, together with the particulars of the nuisances abated and improvements effected thereby.

INSPECTION OF THE DISTRICT.  
NOTICES SERVED, &c.

During the year 721 inspections were made in reference to complaints.

595 Preliminary Notices referring to nuisances and general dilapidations were served, and in due course complied with.

It was necessary in numerous instances, however, to interview and write to the persons concerned, drawing their attention to notices which had not received prompt attention.

In 22 instances Nuisances were reported to the Health Committee, and Statutory Notices served.

No legal proceedings were necessary.

INSPECTION OF THE FOOD SUPPLY.—The food exposed for sale in the district has been inspected from time to time, and in many instances improved conditions have been obtained.

Several carcases were destroyed, being diseased and unfit for human consumption.

PUBLIC HEALTH MEAT REGULATIONS.—All meat vendors were supplied with a copy of the regulations and interviewed in connection therewith. In two instances it was necessary to bring pressure to bear, but now all shop windows in the district are kept closed. In several cases new windows have been fixed.

BAKEHOUSES.—Number on register, 9. The premises are all in a satisfactory condition and are well conducted.

DAIRIES, COWSHEDS AND MILKSHOPS.—Number of cowkeepers on register, 8; number of milk shops (other than cowkeepers), 11. In several instances it was necessary to require the removal of various objectionable articles from the dairies and milkshops, but in every case my requests were complied with. On the whole a fairly high standard of cleanliness is maintained.

MILK SAMPLES.—Twenty-five samples were taken for the discovery of Tuberculosis among cattle. Only one sample proved "positive," and the animal was afterwards slaughtered and compensation paid under the Tuberculosis Order, 1925. Other samples taken under the Sale of Food and Drugs Act proved to be genuine, with one exception. In this case the percentage of fat was low, but it was not considered advisable to proceed against the vendor.

SLAUGHTER-HOUSES.—There is only one "private" slaughter-house within the district, practically the whole of the meat supply coming into the district from the Birkenhead and Liverpool lairages, and the surrounding Rural District of Sefton.

FISH FRYING SHOPS.—There are 11 fish and chip potato vendors established within the district. The premises have been visited from time to time and are maintained in a generally satisfactory condition.

ASHPITS TO BIN SYSTEM.—This year 63 ash pits have been abolished, and galvanised iron bins provided. The total number of conversions during the five years, 1921-25, is 962, there are yet 388 ash pits remaining, but these are in fair condition.

ADMINISTRATION OF THE FACTORY & WORKSHOP ACT, 1901,  
 IN CONNECTION WITH  
 FACTORIES, WORKSHOPS, WORKPLACES AND HOMEWORK.

NUMBER OF INSPECTIONS AND NATURE OF DEFECTS.

PREMISES	Number of		
	Inspections	Written Notices	Prosecutions
Factories (includi'g factory laundries)	17	Nil	Nil
Factories (including w'shop , , )	63	Nil	Nil
Workplaces (including outworkers)...	...	Nil	Nil
Premises and Bake-houses ...	38	Nil	Nil
	118	Nil	Nil

DEFECTS FOUND IN FACTORIES, WORKSHOPS, AND WORKPLACES.

PARTICULARS	Number of Defects			
	Found	Remedied	Referred to H.M. Inspector	No. of Prosecutions
Nuisances under Public Health Acts	...	...	...	...
Want of Cleanliness...	...	3	3	...
,, Ventilation	...	...	...	...
Overcrowding	...	...	...	...
Defective Drainage ..	...	5	5	...
Other Nuisances	...	4	4	...
Sanitary accommodation—				
Insufficient, Unsuitable or				
Defective ...	...	2	2	...
Separation of sexes ...	...	...	...	...
Offences under Factory & W'shops Act	...	...	...	...
Illegal occupation of underground bakeries	...	...	...	...
Breach of sanitary requirements for bakehouses	...	...	...	...
Offences relating to outwork	...	...	...	...
	12	12	...	...

SUPERVISION OF INFECTIOUS DISEASES.—99 visits were paid to houses where Infectious Diseases had occurred and the necessary enquiries made into each case.

Notices to strip and cleanse the walls and ceilings, where necessary, were served, and 135 re-visits were paid to ensure that the work was carried out.

#### SUMMARY OF WORK OF DEPARTMENT.

Number of houses inspected ... ... ... ... ...	673
Number of houses re-inspected ... ... ... ... ...	957
Number of visits to factories and workshops ... ... ... ... ...	118
Number of visits to bakehouses ... ... ... ... ...	32
Number of visits to cowsheds, dairies, and milkshops ... ... ... ... ...	41
Number of preliminary notices served... ... ... ... ...	595
Number of statutory notices served ... ... ... ... ...	22
Number of visits to offensive trades ... ... ... ... ...	5
Samples of milk submitted for bacteriological examination	25
Cases of infectious disease reported upon ... ... ... ... ...	49
Number of notices served to strip and cleanse walls ... ...	99
Number of houses fumigated ... ... ... ... ...	127
Number of visits to fish frying shops ... ... ... ... ...	41

#### DETAILS OF SANITARY IMPROVEMENTS AND ABATEMENT OF NUISANCES.

Drains reinstated and obstructions removed ... ... ... ...	121
Defective w.c. cisterns, pans, traps, water supply, etc. ... ...	37
Defective gullies (replaced) ... ... ... ... ...	23
Repairs to w.c. structures, floors, doors, etc.... ... ...	47
Defective soil pipes ... ... ... ... ...	7
Defective water supply to house ... ... ... ... ...	36
Defective floors in dwelling-houses ... ... ... ... ...	41
Accumulation of manure ... ... ... ... ...	2
New ashbins provided ... ... ... ... ...	258
Insanitary yard surfaces ... ... ... ... ...	61
Open jointed brickwork ... ... ... ... ...	17

Defective eaves, gutters, r.w. pipes, etc.	...	...	...	...	...	71
Dangerous chimney stacks	...	...	...	...	...	31
Dangerous walls	...	...	...	...	...	7
Repairs to ceiling and wall plaster	...	...	...	...	...	29
Repairs to window sashes and frames...	...	...	...	...	...	35
Leaky roofs (dwelling-houses) ...	...	...	...	...	...	63
New doors and repairs to doors	...	...	...	...	...	36
Defective water taps	...	...	...	...	...	11
Ashpits abolished	...	...	...	...	...	63
Defective wash boilers and structures	...	...	...	...	...	17
Defective bath, sink waste pipes, etc.	...	...	...	...	...	27
Grating to gullies, air grates, etc.	...	...	...	...	...	15
Defective channels to gullies	...	...	...	...	...	11
Animals kept so as to be a nuisance	...	...	...	...	...	1
Dirty walls and ceilings cleansed	...	...	...	...	...	17
Defective fire ranges, jambs and flues	...	...	...	...	...	15
Rooms cleansed after infectious disease	...	...	...	...	...	99

I am, Gentlemen,

Your obedient Servant,

C. YATES HOWARTH,

*Sanitary Inspector.*





